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2013-2015 F-Super Duty- 6.7L Diesel - Exiting Forced Idle Mode in Cold Ambient Temperatures below freezing.

Some 2013-2015 F-Super Duty vehicles equipped with a 6.7L diesel engine may have difficulty exiting the forced idle strategy in cold temperatures below freezing.

In order for the PCM to exit the Engine Idled mode, the reductant tank temp and the ambient air temp must read above 23F (-5C). To ensure these temperatures are in the proper range, monitor the REDUCT_ TNK_ T (Temp) and the AAT (Temp) PIDs in the IDS Data logger > Modules > PCM. Once these PI Ds are both above 23F (-5C), the PCM will allow the forced idle exit procedure to begin. Once the Forced Idle exit procedure is initiated, the vehicle can then be driven outside to complete the exiting procedure if needed. Diesel Exhaust Fluid (DEF) freezes as 12F (-11C) so vehicles in extremely cold environments may need to be moved indoors for an extended time to allow the DEF to thaw.